

Map Title	Map Description	ArcGIS.com Link ¹	Map Service Link ²	Management Question(s) ³	Element or Agent(s) ³	Figure(s) in Report ³
Acid Deposition in 2011 within the NGB	National Atmospheric Deposition Network Acid Deposition from 2011	ArcGIS.com	Map Service	70	Development	APP B1: p.28 Fig5-23
Agricultural lands within Greater sage-grouse Breeding Bird Density	Percent Agricultural land within the breeding bird polygons	ArcGIS.com	Map Service	2	Terrestrial Species	APP B2: p.122 Fig6-2
Agriculture within 5km of Pygmy Rabbit Suitable Habitat	The percent of a 5 km moving window that contained agriculture was used as a key ecological attribute for anthropogenic influence. The results were analyzed using a 4km analysis grid	ArcGIS.com	Map Service	2	Terrestrial Species	APP B2: p.192 Fig6-5
Amount of Agriculture within 2km of Columbia Spotted Frog suitable habitat (modeled)	This map contains the percentage of the modeled suitable habitat that is within 2km of an agricultural areas using a 4km analysis grid.	ArcGIS.com	Map Service	2	Aquatic Species	APP B2: p.100 Fig6-8
Amount of Agriculture within Bald Eagle Summer Suitable Habitat (GAP)	Proximity of Agriculture to Bald Eagle summer suitable habitat (GAP) using 4km analysis grid	ArcGIS.com	Map Service	2	Terrestrial Species	APP B2: p.174 Fig6-10
Amount of Agriculture within Bald Eagle Winter Suitable Habitat (GAP)	Proximity of Agriculture to Bald Eagle winter suitable habitat (GAP) using 4km analysis grid	ArcGIS.com	Map Service	2	Terrestrial Species	APP B2: p.175 Fig6-11
Amount of Agriculture within Columbia Spotted Frog suitable habitat (modeled)	This map contains the percentage of the modeled suitable habitat that is within agricultural areas using a 4km analysis grid.	ArcGIS.com	Map Service	2	Aquatic Species	APP B2: p.99 Fig6-7
Amount of Agriculture within Golden Eagle Suitable Habitat (modeled)	The amount of agricultural areas within modeled golden eagle potential suitable habitat using a 4km analysis grid	ArcGIS.com	Map Service	2	Terrestrial Species	APP B2: p.148 Fig6-4
Amount of Impervious Land Cover within Columbia Spotted Frog suitable habitat (modeled)	This map contains the percentage modeled suitable habitat in impervious landcover using a 4km analysis grid.	ArcGIS.com	Map Service	2	Aquatic Species	APP B2: p.100 Fig6-9
Amount of Impervious Land Cover within Columbia Spotted Frog suitable habitat (modeled) within the Riparian Corridor	This map contains the percentage of the riparian corridor used for bounding the analysis with modeled suitable habitat in impervious landcover using a 4km analysis grid.	ArcGIS.com	Map Service	2	Aquatic Species	APP B2: p.101 Fig6-10
Amount of Natural Land Cover within Columbia Spotted Frog suitable habitat (modeled) within the Riparian Corridor	This map contains the percentage of the riparian corridor used for bounding the analysis with modeled suitable habitat in natural land cover using a 4km analysis grid.	ArcGIS.com	Map Service	2	Aquatic Species	APP B2: p.97 Fig6-2
Amount of Roads within 40m of road in Columbia Spotted Frog suitable habitat (modeled) within the Riparian Corridor	This map contains the percentage of the riparian corridor used for bounding the analysis with modeled suitable habitat in that are within 40m of a road using a 4km analysis grid.	ArcGIS.com	Map Service	2	Aquatic Species	APP B2: p.99 Fig6-6
Amount of Winter Precipitation Nov - March in Bull Trout Range (4km)	This map contains winter precipitation (Nov - March) for use in determining winter flood risk for the bull trout range based on 4km analysis grid	ArcGIS.com	Map Service	8	Aquatic Species	APP B2: p.57 Fig6-16

¹ Open map in ArcGIS.com online; no software required; ² Open map in ArcMap; ArcGIS Explorer, ArcGIS JavaScript, Google Earth, or ArcGIS.com; ³ See report: http://www.blm.gov/wo/st/en/prog/more/Landscape_Approach/reas/nbasinrange.html

Map Title	Map Description	ArcGIS.com Link ¹	Map Service Link ²	Management Question(s) ³	Element or Agent(s) ³	Figure(s) in Report ³
Amount of Winter Precipitation Nov - March in Bull Trout Range (HUC12)	This map contains winter precipitation (Nov - March) for use in determining winter flood risk for the bull trout range based on HUC12 analysis unit	ArcGIS.com	Map Service	8	Aquatic Species	APP B2: p.56 Fig6-15
Amount of Winter Precipitation Nov - March in Coldwater Fish Range (4km)	This map contains winter precipitation (Nov - March) for use in determining winter flood risk for the coldwater fish range based on 4km analysis grid	ArcGIS.com	Map Service	8	Aquatic Species	APP B2: p.28 Fig6-22
Amount of Winter Precipitation Nov - March in Coldwater Fish Range (HUC12)	This map contains winter precipitation (Nov - March) for use in determining winter flood risk for the coldwater fish range based on HUC12 analysis unit	ArcGIS.com	Map Service	8	Aquatic Species	APP B2: p.27 Fig6-21
Anderson 13 Fuel Model in the Northern Great Basin	The Anderson 13 Fuel Model (from Landfire) clipped to the NGB ecoregion	ArcGIS.com	Map Service	MQ 36	Fire	APP B1: p.40 Fig5-6.13
Aquatic Invasive Detections in the NGB	Invasive aquatic detections by HUC 12 based on USFS invasive detections dataset	ArcGIS.com	Map Service	63	Aquatic/Riparian Ecosystems	APP B3: p.31 Fig5-2
Aquatic Invasives in Bull Trout Range (4km)	This map contains the data layers and layout showing the count of aquatic invasives in bull trout range by 4km analysis unit.	ArcGIS.com	Map Service	2	Aquatic Species	APP B2: p.51 Fig6-10
Aquatic Invasives in Bull Trout Range (HUC 12)	This map contains the data layers and layout showing the count of aquatic invasives in bull trout range HUC12 analysis unit.	ArcGIS.com	Map Service	2	Aquatic Species	APP B2: p.50 Fig6-9
Aquatic Invasives in Coldwater Fish Areas (4km)	This map contains the data layers and layout showing the count of aquatic invasives in Coldwater Fish Range 4km analysis unit.	ArcGIS.com	Map Service	2	Aquatic Species	APP B2: p.20 Fig6-10
Aquatic Invasives in Coldwater Fish Areas (HUC 12)	This map contains the data layers and layout showing the count of aquatic invasives in Coldwater Fish Range HUC12 analysis unit.	ArcGIS.com	Map Service	2	Aquatic Species	APP B2: p.19 Fig6-9
Aquatic Invasives in White Sturgeon Range (4km)	This map contains the data layers and layout showing the count of aquatic invasives in white sturgeon range 4km analysis unit.	ArcGIS.com	Map Service	2	Aquatic Species	APP B2: p.77 Fig6-10
Aquatic Invasives in White Sturgeon Range (HUC 12)	This map contains the data layers and layout showing the count of aquatic invasives in white sturgeon range HUC12 analysis unit.	ArcGIS.com	Map Service	2	Aquatic Species	APP B2: p.77 Fig6-9
Aspen Burn Probability	Fsim burn probability for Aspen based on the 4km grid analysis unit	ArcGIS.com	Map Service	11	Terrestrial Ecosystem	APP B3: p.153 Fig5-6
Aspen Climate Change 2030 Viability	USFS Climate Change Analysis for Aspen (2030)	ArcGIS.com	Map Service	12	Terrestrial Ecosystem	APP B3: p.154 Fig5-8
Aspen Climate Change 2060 Viability	USFS Climate Change Analysis for Aspen (2060)	ArcGIS.com	Map Service	12	Terrestrial Ecosystem	APP B3: p.154 Fig5-9
Aspen Climate Change Current Viability	USFS Climate Change Analysis for Aspen (Current Viability)	ArcGIS.com	Map Service	12	Terrestrial Ecosystem	APP B3: p.153 Fig5-7

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Aspen Cumulative Score (Intact Stands)	Cumulative scoring based on 4km analysis unit using burn probability, distance to development and distance to disease.	ArcGIS.com	Map Service	10	Terrestrial Ecosystem	p.105 Fig6.3-25, APP B3: p.155 Fig5-10
Aspen Distance to Development	Distance to various types of development (roads, ag, etc.) for Aspen based on a 4km analysis unit	ArcGIS.com	Map Service	11	Terrestrial Ecosystem	APP B3: p.152 Fig5-4
Aspen Distribution	Distribution of Aspen within the ecoregion based on Landfire and ReGAP	ArcGIS.com	Map Service	9	Terrestrial Ecosystem	p.104 Fig6.3-24, APP B3: p.150 Fig5-1
Aspen Proximity to Sudden Aspen Decline in the NGB	Proximity of Aspen to locations of Sudden Aspen Decline based on Aerial Disease Mapping by USFS	ArcGIS.com	Map Service	11	Terrestrial Ecosystem	APP B3: p.152 Fig5-5
Average Annual Natural Recharge (USGS) within the NGB.	Amount of annual natural recharge in feet based on USGS within the ecoregion	ArcGIS.com	Map Service	58a	Aquatic/Riparian Ecosystems	APP B3: p.5 Fig3-1
Average Change in Groundwater Elevation for the Available Wells in the NGB	Average change in the groundwater elevation based on USGS monitoring wells	ArcGIS.com	Map Service	58a	Aquatic/Riparian Ecosystems	APP B3: p.8 Fig3-5
Bighorn Sheep WAFWA Range near the NGB	Bighorn sheep Western Association of Fish and Wildlife Agencies (WAFWA) 2011 habitat near the ecoregion	ArcGIS.com	Map Service	1	Terrestrial Species	p.80 Fig6.2-20, APP B2: p.222 Fig4-1
Burn Probability by Grazing Allotment	Fsim burn probability within Grazing Allotments in the ecoregion	ArcGIS.com	Map Service	25	Grazing, Fire	APP B1: p.77 Fig5-7
Burn Probability of Columbia Spotted Frog Suitable Habitat (modeled)	This map contains the Fsim burn probability within modeled suitable habitat using a 4km analysis grid.	ArcGIS.com	Map Service	2	Aquatic Species	n/a
Burn Probability on Soils with High Wind Erosion Potential.	Fsim burn probability within High Wind Erosion Potential areas	ArcGIS.com	Map Service	28	Terrestrial Group	APP B3: p.60 Fig5-1
Burn Probability within Greater sage-grouse PPH	Fsim burn probability within greater sage-grouse PPH based on 4km analysis unit	ArcGIS.com	Map Service	2	Terrestrial Species	APP B2: p.126 Fig6-10
Change in September/October Precipitation	Change in September/October Precipitation between present and 2060 climate scenarios	ArcGIS.com	Map Service	Used to Answer Climate Change portions of many MOs	Climate	p.59 Fig6.1-16, APP B1: p.103 Fig5-19
Change in Annual Precipitation	Change in Annual Precipitation between present and 2060 climate scenarios	ArcGIS.com	Map Service	Used to Answer Climate Change portions of many MOs	Climate	p.59 Fig6.1-15, APP B1: p.100 Fig5-14

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Change in Annual Temperature	Change in Annual Temperature between present and 2060 climate scenarios	ArcGIS.com	Map Service	Used to Answer Climate Change portions of many MOs	Climate	APP B1: p.97 Fig5-8
Change in Convective Precipitation	Change in Convective Precipitation for July and August between present and 2060 climate scenarios	ArcGIS.com	Map Service	Used to Answer Climate Change portions of many MOs	Climate	APP B1: p.103 Fig5-20
Change in July/August Precipitation	Change in July/August Precipitation between present and 2060 climate scenarios	ArcGIS.com	Map Service	Used to Answer Climate Change portions of many MOs	Climate	APP B1: p.102 Fig5-18
Change in July/August Temperature	Change in July/August Temperature between present and 2060 climate scenarios	ArcGIS.com	Map Service	Used to Answer Climate Change portions of many MOs	Climate	p.58 Fig6.1-14, APP B1: p.99 Fig5-12
Change in June Precipitation	Change in June Precipitation between present and 2060 climate scenarios	ArcGIS.com	Map Service	Used to Answer Climate Change portions of many MOs	Climate	APP B1: p.102 Fig5-17
Change in June Temperature	Change in June Temperature between present and 2060 climate scenarios	ArcGIS.com	Map Service	Used to Answer Climate Change portions of many MOs	Climate	APP B1: p.99 Fig5-11

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Change in March - May Precipitation	Change in March - May Precipitation between present and 2060 climate scenarios	ArcGIS.com	Map Service	Used to Answer Climate Change portions of many MOs	Climate	APP B1: p.101 Fig5-16
Change in March - May Temperature	Change in March - May Temperature between present and 2060 climate scenarios	ArcGIS.com	Map Service	Used to Answer Climate Change portions of many MOs	Climate	p.58 Fig6.1-13, APP B1: p.98 Fig5-10
Change in November - February Precipitation	Change in November - February Precipitation between present and 2060 climate scenarios	ArcGIS.com	Map Service	Used to Answer Climate Change portions of many MOs	Climate	APP B1: p.101 Fig5-15
Change in November - February Temperature	Change in November - February Temperature between present and 2060 climate scenarios	ArcGIS.com	Map Service	Used to Answer Climate Change portions of many MOs	Climate	APP B1: p.98 Fig5-9
Change in September/October Temperature	Change in September/October Temperature between present and 2060 climate scenarios	ArcGIS.com	Map Service	Used to Answer Climate Change portions of many MOs	Climate	APP B1: p.100 Fig5-13
Change in Snow Water Equivalent for April	Change in Snow Water Equivalent for April between present and 2060 climate scenarios	ArcGIS.com	Map Service	Used to Answer Climate Change portions of many MOs	Climate	APP B1: p.104 Fig5-21

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Change in Snow Water Equivalent for March	Change in Snow Water Equivalent for March between present and 2060 climate scenarios	ArcGIS.com	Map Service	Used to Answer Climate Change portions of many MOs	Climate	APP B1: p.104 Fig5-22
Cheatgrass Dieoff Probability	Cheatgrass Die-off using Data from Wylie et al 2010 which was focused on the western part of the ecoregion	ArcGIS.com	Map Service	38	Invasives	APP B1: p.60 Fig5-5
Cheatgrass from Clinton Study	Cheatgrass Cover in the Utah portion of the ecoregion based on Clinton 2009 study	ArcGIS.com	Map Service	38	Invasives	APP B1: p.59 Fig5-3
Cheatgrass from Singh and Glenn Study	Comparison of Singh and Glenn (2009) cheatgrass mapping in Big Desert project site with Bradley and Mustard (2005) study.	ArcGIS.com	Map Service	38	Invasives	APP B1: p.59 Fig5-2
Cheatgrass Risk within the NGB	Cheatgrass Risk based on Bradley and Mustard (2005) and Peterson (2006, 2007) within the ecoregion	ArcGIS.com	Map Service	38	Invasives	APP B1: p.60 Fig5-4
Cheatgrass within Grazing Allotments in the NGB	Cheatgrass locations within Grazing Allotments	ArcGIS.com	Map Service	25	Grazing, Invasives	APP B1: p.77 Fig5-8
Columbia Spotted Frog Modeled Suitable Habitat (Maxent)	This map contains maxent modeled suitable habitat for Columbia Spotted Frog	ArcGIS.com	Map Service	1	Aquatic Species	p.67 Fig6.2-7, APP B2: p.86 Fig4-2
Columbia Spotted Frog suitable habitat (modeled) in Protected Areas	This map contains the percentage of the modeled suitable habitat that is within protected areas (National Wildlife Refuges, etc.) using a 4km analysis grid.	ArcGIS.com	Map Service	2	Aquatic Species	APP B2: p.96 Fig6-1
Combined Juniper within the NGB	Combined Juniper Locations within the Ecoregion	ArcGIS.com	Map Service	9	Terrestrial Ecosystem	p.102 Fig6.3-22, APP B3: p.133 Fig5-1
Combined Juniper Burn Probability	Fsim burn probability for Combined Juniper based on the 4km grid analysis unit	ArcGIS.com	Map Service	11	Terrestrial Ecosystem	APP B3: p.135 Fig5-5
Combined Juniper Cumulative Score (Intact Stands)	Cumulative scoring based on 4km analysis unit using burn probability and distance to development	ArcGIS.com	Map Service	10	Terrestrial Ecosystem	p.103 Fig6.3-23, APP B3: p.138 Fig5-12
Combined Juniper Distance to Development	Distance to various types of development (roads, ag, etc.) for Combined Juniper based on a 4km analysis unit	ArcGIS.com	Map Service	11	Terrestrial Ecosystem	APP B3: p.134 Fig5-4
Comparison of Modeled Summer and Year Long Habitat vs. WAFWA	Modeled summer and year long mule deer habitat based on modeling using the HCA toolkit from the Washington Wildlife Habitat Connectivity Working Group. The older WAFWA 2004 boundaries are also included.	ArcGIS.com	Map Service	1	Terrestrial Species	p.82 Fig6.2-22, APP B2: p.245 Fig4-1

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Comparison of Modeled Winter and Year Long Habitat vs. WAFWA	Modeled winter and year long mule deer habitat based on modeling using the HCA toolkit from the Washington Wildlife Habitat Connectivity Working Group. The older WAFWA 2004 boundaries are also included.	ArcGIS.com	Map Service	1	Terrestrial Species	APP B2: p.245 Fig4-2
Condition of Perennial Streams and Open Water (Summer)	Condition of perennial streams and open water in proximity to Bald Eagle summer suitable habitat (GAP) using 4km analysis grid	ArcGIS.com	Map Service	2	Terrestrial Species	APP B2: p.172 Fig6-5
Condition of Perennial Streams and Open Water (Winter)	Condition of perennial streams and open water in proximity to Bald Eagle summer suitable habitat (GAP) using 4km analysis grid	ArcGIS.com	Map Service	2	Terrestrial Species	APP B2: p.172 Fig6-6
Core Habitat Fragmentation for Modeled Mule Deer Summer and Year Long Habitat	Average patch fragmentation of summer or year long mule deer modeled habitat patch based on a 4km grid analysis unit	ArcGIS.com	Map Service	2	Terrestrial Species	APP B2: p.257 Fig6-4
Core Habitat Fragmentation for Modeled Mule Deer Winter and Year Long Habitat	Average patch fragmentation of winter or year long mule deer modeled habitat patch based on a 4km grid analysis unit	ArcGIS.com	Map Service	2	Terrestrial Species	APP B2: p.258 Fig6-5
Count of Mines near Columbia Spotted Frog suitable habitat (modeled)	This map contains the count of mines within modeled suitable habitat using a 4km analysis grid.	ArcGIS.com	Map Service	2	Aquatic Species	APP B2: p.98 Fig6-5
Count of Toxic Release Inventory Sites near Columbia Spotted Frog suitable habitat (modeled)	This map contains the number of Toxic Release Inventory sites, within modeled suitable habitat, using a 4km analysis grid.	ArcGIS.com	Map Service	2	Aquatic Species	APP B2: p.98 Fig6-4
Cumulative Indicator Score for Bald Eagle (Summer)	Cumulative analysis on key indicators ranking each key ecological attribute on scale of 1-3 (3 highest) for summer bald eagle habitat.	ArcGIS.com	Map Service	2	Terrestrial Species	p.74 Fig6.2-14, APP B2: p.176 Fig6-14
Cumulative Indicator Score for Bald Eagle (Winter)	Cumulative analysis on key indicators ranking each key ecological attribute on scale of 1-3 (3 highest) for winter bald eagle habitat.	ArcGIS.com	Map Service	2	Terrestrial Species	p.74 Fig6.2-15, APP B2: p.177 Fig6-15
Cumulative Indicator Score for Bighorn Sheep Habitat	Cumulative score ranking the key ecological attributes for bighorn sheep 1-3 (3 being the best quality) and summing the values for each input	ArcGIS.com	Map Service	2	Terrestrial Species	p.81 Fig6.2-21, APP B2: p.234 Fig6-7
Cumulative Indicator Score for Bull Trout (HUC12)	This map contains the data layers and layout showing the combined cumulative indicator score for bull trout range by HUC12 analysis unit.	ArcGIS.com	Map Service	2	Aquatic Species	p.64 Fig6.2-4, APP B2: p.52 Fig6-12
cumulative Indicator Score for Coldwater Fish (HUC12)	This map contains the data layers and layout showing the combined cumulative indicator score Coldwater Fish Range by HUC12 analysis unit.	ArcGIS.com	Map Service	2	Aquatic Species	p.62 Fig6.2-2, APP B2: p.21 Fig6-12

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Cumulative Indicator Score for Columbia Spotted Frog	This map contains the results of ranking each of the inputs or key ecological attributes (1-3, with three being the highest quality) and totaling the overall score for Columbia spotted frog.	ArcGIS.com	Map Service	2	Aquatic Species	p.68 Fig6.2-8, APP B2: p.102 Fig6-12
Cumulative Indicator Score for Golden Eagle	Cumulative analysis on key indicators ranking each key ecological attribute on scale of 1-3 (3 highest).	ArcGIS.com	Map Service	2	Terrestrial Species	p.72 Fig6.2-12, APP B2: p.149 Fig6-7
Cumulative Indicator Score for Greater sage-grouse	Cumulative analysis on key indicators ranking each key ecological attribute on scale of 1-3 (3 highest) for greater sage-grouse.	ArcGIS.com	Map Service	2	Terrestrial Species	p.70 Fig6.2-10, APP B2: p.126 Fig6-9
Cumulative Indicator Score for Pronghorn Habitat	Cumulative score ranking the key ecological attributes for pronghorn 1-3 (3 being the best quality) and summing the values and summing the values for each input	ArcGIS.com	Map Service	2	Terrestrial Species	p.79 Fig6.2-19, APP B2: p.214 Fig6-7
Cumulative Indicator Score for Pygmy Rabbit	Cumulative analysis on key indicators ranking each key ecological attribute on scale of 1-3 (3 highest) forpygmy rabbit and totaling a score for all the indicators.	ArcGIS.com	Map Service	2	Terrestrial Species	p.77 Fig6.2-17, APP B2: p.193 Fig6-7
Cumulative Indicator Score for Summer and Year Long Mule Deer Habitat	Cumulative score ranking the key ecological attributes for summer mule deer 1-3 (3 being the best quality) and summing the values for each input	ArcGIS.com	Map Service	2	Terrestrial Species	APP B2: p.260 Fig6-10
cumulative Indicator Score for White Sturgeon (4km)	This map contains the data layers and layout showing the combined cumulative indicator score white sturgeon range by 4km analysis unit.	ArcGIS.com	Map Service	2	Aquatic Species	APP B2: p.78 Fig6-12
cumulative Indicator Score for White Sturgeon (HUC12)	This map contains the data layers and layout showing the combined cumulative indicator score white sturgeon range by HUC12 analysis unit.	ArcGIS.com	Map Service	2	Aquatic Species	p.66 Fig6.2-6, APP B2: p.78 Fig6-11
Cumulative Indicator Score for Winter and Year Long Mule Deer Habitat	Cumulative score ranking the key ecological attributes for winter mule deer 1-3 (3 being the best quality) and summing the values for each input	ArcGIS.com	Map Service	2	Terrestrial Species	p.83 Fig6.2-23, APP B2: p.261 Fig6-11
Cumulative Indictor Score for Perennial Stream condition	Cumulative indicator score combining binned values for watersheds with 303d, dams or flow regulation, aquatic invasives, riparian condition and groundwater condition	ArcGIS.com	Map Service	63	Aquatic/Riparian Ecosystems	p.89 Fig6.3-9, APP B3: p.33 Fig5-6
Current Groundwater Conditions in the NGB	Current groundwater conditions based on USGS monitoring wells evaluating current condition vs historical condition	ArcGIS.com	Map Service	58a	Aquatic/Riparian Ecosystems	p.84 Fig6.3-2, APP B3: p.7 Fig3-4

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Current Groundwater Status by HUC 12 in the NGB	Overall comparison of groundwater withdrawals compared to groundwater recharge by HUC 12.	ArcGIS.com	Map Service	58a	Aquatic/Riparian Ecosystems	p.85 Fig6.3-3, APP B3: p.12 Fig5-1, APP B3: p.32 Fig5-4, APP B3: p.85 Fig5-3
Dams within White Sturgeon Range on the Snake River	This map contains the fish barriers along the Snake River in the white sturgeon range within the ecoregion	ArcGIS.com	Map Service	2	Aquatic Species	p.65 Fig6.2-5, APP B2: p.65 Fig4-1
Density of Aspen within Moving Window	Density of Aspen within a Moving Window Analysis	ArcGIS.com	Map Service	9	Terrestrial Ecosystem	APP B3: p.151 Fig5-3
Density of Combined Juniper within Moving Window	Density of Combined Juniper within a moving window analysis	ArcGIS.com	Map Service	9	Terrestrial Ecosystem	APP B3: p.134 Fig5-3
Density of Other Conifer within Moving Window	Density of Other Conifer within a moving window analysis	ArcGIS.com	Map Service	9	Terrestrial Ecosystem	APP B3: p.165 Fig5-2
Density of Sagebrush within Moving Window	Density of Sagebrush within a moving window analysis	ArcGIS.com	Map Service	9	Terrestrial Ecosystem	APP B3: p.115 Fig5-2
Density of Salt Desert Shrub within Moving Window	Density of Salt Desert Shrub within a moving window analysis	ArcGIS.com	Map Service	9	Terrestrial Ecosystem	APP B3: p.96 Fig5-2
Department of Defense and Department of Energy Land Use in the NGB	Department of Defense and Department of Energy Land Use within the ecoregion	ArcGIS.com	Map Service	69	Development	APP B1: p.20 Fig5-7
Development near Grazing Allotments	This map contains the data layers showing development near grazing allotments.	ArcGIS.com	Map Service	25	Grazing, Development	APP B1: p.75 Fig5-4
Distance to Barriers Assessment for Bighorn Sheep Habitat	Average distance to barriers using a 4km grid analysis unit based on WAFWA 2011 habitat boundaries	ArcGIS.com	Map Service	2	Terrestrial Species	APP B2: p.232 Fig6-4
Distance to Communication Towers within Greater sage-grouse PPH	Distance to communication towers within greater sage-grouse PPH based on 4km analysis unit	ArcGIS.com	Map Service	2	Terrestrial Species	APP B2: p.124 Fig6-5
Distance to Primary Roads within Greater sage-grouse PPH	Distance to primary roads within greater sage-grouse PPH based on 4km analysis unit	ArcGIS.com	Map Service	2	Terrestrial Species	APP B2: p.123 Fig6-4
Distance to Road Score for Modeled Pronghorn Habitat	Distance to Roads using TIGER roads based on a 4km analysis unit	ArcGIS.com	Map Service	2	Terrestrial Species	APP B2: p.213 Fig6-5
Distance to Roads by Grazing Allotment	Distance to Roads from Grazing Allotments in the ecoregion	ArcGIS.com	Map Service	25	Grazing, Development	APP B1: p.76 Fig5-5
Distance to Roads for Modeled Mule Deer Summer and Year long Habitat	Distance to Roads for modeled summer and year long mule deer habitat using TIGER roads based on a 4km analysis unit	ArcGIS.com	Map Service	2	Terrestrial Species	APP B2: p.258 Fig6-6
Distance to Roads for Modeled Mule Deer Winter and Year long Habitat	Distance to Roads for modeled winter and year long mule deer habitat using TIGER roads based on a 4km analysis unit	ArcGIS.com	Map Service	2	Terrestrial Species	APP B2: p.259 Fig6-7
Distance to Transmission Lines within Greater sage-grouse PPH	Distance to transmission lines within greater sage-grouse PPH based on 4km analysis unit	ArcGIS.com	Map Service	2	Terrestrial Species	APP B2: p.124 Fig6-6

¹ Open map in ArcGIS.com online; no software required; ² Open map in ArcMap; ArcGIS Explorer, ArcGIS JavaScript, Google Earth, or ArcGIS.com; ³ See report: http://www.blm.gov/wo/st/en/prog/more/Landscape_Approach/reas/nbasinrange.html

Map Title	Map Description	ArcGIS.com Link ¹	Map Service Link ²	Management Question(s) ³	Element or Agent(s) ³	Figure(s) in Report ³
Distribution of Bull Trout in the NGB	This map contains the distribution of bull trout in the ecoregion	ArcGIS.com	Map Service	1	Aquatic Species	p.63 Fig6.2-3, APP B2: p.40 Fig4-1
Distribution of Coldwater Fish Species in the NGB	This map contains the distribution of redband trout, mountain whitefish, Lahontan cutthroat trout and Yellowstone cutthroat trout in the ecoregion	ArcGIS.com	Map Service	1	Aquatic Species	p.61 Fig6.2-1, APP B2: p.9 Fig4-1
Distribution of Lahontan cutthroat trout in the NGB	This map contains the distribution of Lahontan cutthroat trout in the ecoregion	ArcGIS.com	Map Service	1	Aquatic Species	APP B2: p.7 Fig3-3
Distribution of mountain whitefish in the NGB	This map contains the distribution of mountain whitefish in the ecoregion	ArcGIS.com	Map Service	1	Aquatic Species	APP B2: p.6 Fig3-1
Distribution of redband cutthroat trout in the NGB	This map contains the distribution of redband trout in the ecoregion	ArcGIS.com	Map Service	1	Aquatic Species	APP B2: p.7 Fig3-4
Distribution of Yellowstone cutthroat trout in the NGB	This map contains the distribution of Yellowstone cutthroat trout in the ecoregion	ArcGIS.com	Map Service	1	Aquatic Species	APP B2: p.6 Fig3-2
Domestic Sheep Allotments within the NGB	Grazing Allotments used for Domestic Sheep Grazing in 2011 within the ecoregion	ArcGIS.com	Map Service	24	Grazing	APP B1: p.74 Fig5-2
Domestic Sheep Disease Transmission Risk Assessment for Bighorn Sheep Habitat	Average distance to domestic sheep grazing allotments using a 4km grid analysis unit based on WAFWA 2011 habitat boundaries and 2011 domestic sheep grazing allotments.	ArcGIS.com	Map Service	2	Terrestrial Species	APP B2: p.233 Fig6-6
Douglas Fir Climate Change 2030 Viability	USFS Climate Change Analysis for Douglas Fir (2030)	ArcGIS.com	Map Service	12	Terrestrial Ecosystem	APP B3: p.168 Fig5-7
Douglas Fir Climate Change 2060 Viability	USFS Climate Change Analysis for Douglas Fir (2060)	ArcGIS.com	Map Service	12	Terrestrial Ecosystem	APP B3: p.168 Fig5-8
Douglas Fir Climate Change Current Viability	USFS Climate Change Analysis for Douglas Fir (Current Viability)	ArcGIS.com	Map Service	12	Terrestrial Ecosystem	APP B3: p.167 Fig5-6
Ecoregions near the NGB	Level 3 EPA Ecoregions within the NGB and near the ecoregion	ArcGIS.com	Map Service	n/a	n/a	p.24 Fig2.2-1
Engelmann Spruce Climate Change 2030 Viability	USFS Climate Change Analysis for Engelmann Spruce (2030)	ArcGIS.com	Map Service	12	Terrestrial Ecosystem	APP B3: p.169 Fig5-10
Engelmann Spruce Climate Change 2060 Viability	USFS Climate Change Analysis for Engelmann Spruce (2060)	ArcGIS.com	Map Service	12	Terrestrial Ecosystem	APP B3: p.170 Fig5-11
Engelmann Spruce Climate Change Current Viability	USFS Climate Change Analysis for Engelmann Spruce (Current Viability)	ArcGIS.com	Map Service	12	Terrestrial Ecosystem	APP B3: p.169 Fig5-9
Escape Terrain Assessment for Bighorn Sheep Habitat	Average amount of escape terrain using a 4km grid analysis unit based on WAFWA 2011 habitat boundaries	ArcGIS.com	Map Service	2	Terrestrial Species	APP B2: p.231 Fig6-2
Estimated Riparian Corridor	Modeled riparian corridor using bank full width	ArcGIS.com	Map Service	30	Aquatic/Riparian Ecosystems	p.94 Fig6.3-14, APP B3: p.68 Fig3-3

¹ Open map in ArcGIS.com online; no software required; ² Open map in ArcMap; ArcGIS Explorer, ArcGIS JavaScript, Google Earth, or ArcGIS.com; ³ See report: http://www.blm.gov/wo/st/en/prog/more/Landscape_Approach/reas/nbasinrange.html

Map Title	Map Description	ArcGIS.com Link ¹	Map Service Link ²	Management Question(s) ³	Element or Agent(s) ³	Figure(s) in Report ³
Existing Vegetation Cover in Pygmy Rabbit Suitable Habitat	Sagebrush cover was analyzed using Landfire Existing Vegetation Cover dataset to examine the habitat quality based on a 4km analysis unit.	ArcGIS.com	Map Service	2	Terrestrial Species	APP B2: p.191 Fig6-2
Existing Vegetation Height in Pygmy Rabbit Suitable Habitat	Sagebrush height was analyzed using Landfire Existing Vegetation Height dataset to examine the habitat quality based on a 4km analysis unit.	ArcGIS.com	Map Service	2	Terrestrial Species	APP B2: p.191 Fig6-3
Extent of Suitable Habitat for Bald Eagle (Summer)	Extent of Bald Eagle summer foraging habitat using 4km analysis grid	ArcGIS.com	Map Service	2	Terrestrial Species	APP B2: p.170 Fig6-1
Extent of Suitable Habitat for Bald Eagle (Winter)	Extent of Bald Eagle winter foraging habitat using 4km analysis grid	ArcGIS.com	Map Service	2	Terrestrial Species	APP B2: p.170 Fig6-2
Extent of Suitable Habitat for Golden Eagle	Extent of suitable habitat using a 4km analysis grid	ArcGIS.com	Map Service	2	Terrestrial Species	APP B2: p.146 Fig6-1
Fire Frequency 1990 - present in the NGB	This map show the fire frequency from 1990 - 2012 with the NGB ecoregion.	ArcGIS.com	Map Service	MQ 35	Fire	p.49 Fig6.1-5, APP B1: p.38 Fig5-1
Fire Frequency 2000 - present in the NGB	This map show the fire frequency from 2000 - 2012 with the NGB ecoregion.	ArcGIS.com	Map Service	MQ 35	Fire	APP B1: p.38 Fig5-2
Fire Frequency by Grazing Allotment in the NGB	Fire Frequency (1990 - 2012) within Grazing Allotments in the ecoregion	ArcGIS.com	Map Service	25	Grazing, Fire	APP B1: p.76 Fig5-6
Fish Barriers in Bull Trout Range (4km)	This map contains the data layers and layout showing the count of barriers in bull trout range by 4km analysis unit.	ArcGIS.com	Map Service	2	Aquatic Species	APP B2: p.50 Fig6-8
Fish Barriers in Bull Trout Range (HUC 12)	This map contains the data layers and layout showing the count of barriers in bull trout range by HUC 12 analysis unit.	ArcGIS.com	Map Service	2	Aquatic Species	APP B2: p.49 Fig6-7
Fish Barriers in Coldwater Fish Areas (4km)	This map contains the data layers and layout showing the count of barriers in Coldwater Fish Range 4km analysis unit.	ArcGIS.com	Map Service	2	Aquatic Species	APP B2: p.19 Fig6-8
Fish Barriers in Coldwater Fish Areas (HUC 12)	This map contains the data layers and layout showing the count of barriers in Coldwater Fish Range HUC 12 analysis unit.	ArcGIS.com	Map Service	2	Aquatic Species	APP B2: p.18 Fig6-7
Fraction of Agricultural Lands in the Riparian Corridor	Amount of agricultural lands by HUC12 within Riparian Corridor	ArcGIS.com	Map Service	63	Aquatic/Riparian Ecosystems	APP B3: p.72 Fig5-2
Fraction of Developed Lands in the Riparian Corridor	Amount of developed lands by HUC12 within Riparian Corridor	ArcGIS.com	Map Service	63	Aquatic/Riparian Ecosystems	APP B3: p.72 Fig5-1
Fraction of Natural (Undeveloped) Land Cover in the Riparian Corridor	Combination of agricultural and development within riparian corridor to display the amount of natural or undeveloped lands within the riparian corridor.	ArcGIS.com	Map Service	63	Aquatic/Riparian Ecosystems	p.95 Fig6.3-15, APP B2: p.20 Fig6-11, APP B2: p.51 Fig6-11, APP B3: p.32 Fig5-5, APP B3: p.73 Fig5-3

¹ Open map in ArcGIS.com online; no software required; ² Open map in ArcMap; ArcGIS Explorer, ArcGIS JavaScript, Google Earth, or ArcGIS.com; ³ See report: http://www.blm.gov/wo/st/en/prog/more/Landscape_Approach/reas/nbasinrange.html

Map Title	Map Description	ArcGIS.com Link ¹	Map Service Link ²	Management Question(s) ³	Element or Agent(s) ³	Figure(s) in Report ³
Fsim Burn Probability for Pygmy Rabbit Suitable Habitat	Fsim burn probability within pygmy rabbit modeled suitable habitat based on 4km analysis unit	ArcGIS.com	Map Service	2	Terrestrial Species	APP B2: p.192 Fig6-4
Fsim Burn Probability in Bull Trout Range (4km)	This map contains the data layers and layout showing the Fsim Burn Probability in bull trout range by 4km analysis unit.	ArcGIS.com	Map Service	2	Aquatic Species	APP B2: p.49 Fig6-6
Fsim Burn Probability in Bull Trout Range (HUC 12)	This map contains the data layers and layout showing the Fsim Burn Probability in bull trout range by HUC 12 analysis unit.	ArcGIS.com	Map Service	2	Aquatic Species	APP B2: p.48 Fig6-5
Fsim Burn Probability in Coldwater Fish Areas (4km)	This map contains the data layers and layout showing the Fsim Burn Probability in Coldwater Fish Range 4km analysis unit.	ArcGIS.com	Map Service	2	Aquatic Species	APP B2: p.18 Fig6-6
Fsim Burn Probability in Coldwater Fish Areas (HUC 12)	This map contains the data layers and layout showing the Fsim Burn Probability in Coldwater Fish Range HUC 12 analysis unit.	ArcGIS.com	Map Service	2	Aquatic Species	APP B2: p.17 Fig6-5
Fsim Burn Probability in White Sturgeon Range (4km)	This map contains the data layers and layout showing the Fsim Burn Probability in white sturgeon range by 4km analysis unit.	ArcGIS.com	Map Service	2	Aquatic Species	APP B2: p.76 Fig6-7
Fsim Burn Probability in White Sturgeon Range (HUC 12)	This map contains the data layers and layout showing the Fsim Burn Probability in white sturgeon range HUC 12 analysis unit.	ArcGIS.com	Map Service	2	Aquatic Species	APP B2: p.75 Fig6-6
Fsim burn probability with recent fire perimeters	This map shows the equalized Fsim data for the NGB ecoregion along with the 2011-12 fire perimeters.	ArcGIS.com	Map Service	MQ 37	Fire	APP B1: p.43 Fig5-12
Fsim Burn Probability within GSG Range (equalized)	Fin (Fire Simulation) for Greater sage-grouse that was being used by the BLM spatial lab. This version of the Fsim data was equalized into equal proportions of low, moderate and high burn probability within the sage-grouse range.	ArcGIS.com	Map Service	MQ 37	Fire	APP B1: p.42 Fig5-10
Fsim Burn Probability within NGB (equalized)	This map shows the results of a similar analysis of equalizing into low, moderate and high burn probabilities but using the NGB ecoregion rather than the sage-grouse range.	ArcGIS.com	Map Service	MQ 37	Fire	p.50 Fig6.1-6, APP B1: p.42 Fig5-11
Gap Modeled Summer, Winter and Year Round Bald Eagle Suitable Habitat	GAP modeled summer, winter and year round distribution of Bald Eagle	ArcGIS.com	Map Service	1	Terrestrial Species	p.73 Fig6.2-13, APP B2: p.157 Fig4-1
Grazing Allotments within the NGB	Grazing Allotments (USFS and BLM allotments) within the ecoregion	ArcGIS.com	Map Service	24	Grazing	p.55 Fig6.1-11, APP B1: p.74 Fig5-1
Greater sage-grouse Breeding Bird Density (75)	Greater sage-grouse breeding bird density (75 level) (Doherty et al. 2010)	ArcGIS.com	Map Service	1	Terrestrial Species	APP B2: p.111 Fig4-2
Greater sage-grouse Preliminary Priority Habitat (PPH)	State Preliminary Priority Habitats (PPH) for greater sage-grouse	ArcGIS.com	Map Service	1	Terrestrial Species	p.69 Fig6.2-9, APP B2: p.111 Fig4-1

¹ Open map in ArcGIS.com online; no software required; ² Open map in ArcMap; ArcGIS Explorer, ArcGIS JavaScript, Google Earth, or ArcGIS.com; ³ See report: http://www.blm.gov/wo/st/en/prog/more/Landscape_Approach/reas/nbasinrange.html

Map Title	Map Description	ArcGIS.com Link ¹	Map Service Link ²	Management Question(s) ³	Element or Agent(s) ³	Figure(s) in Report ³
Groundwater Use by HUC 12 watershed	Estimate of groundwater use by the USGS for the ecoregion based on their 2005 water use by county dataset	ArcGIS.com	Map Service	58a	Aquatic/Riparian Ecosystems	APP B3: p.7 Fig3-3
Habitat Patch Assessment for Modeled Mule Deer Summer and Year Long Habitat	Average size of summer or year long mule deer modeled habitat patch based on a 4km grid analysis unit	ArcGIS.com	Map Service	2	Terrestrial Species	APP B2: p.256 Fig6-1
Habitat Patch Assessment for Modeled Mule Deer Winter and Year Long Habitat	Average size of winter or year long mule deer modeled habitat patch based on a 4km grid analysis unit	ArcGIS.com	Map Service	2	Terrestrial Species	APP B2: p.256 Fig6-2
Habitat Size Assessment for Bighorn Sheep Habitat	Size of patch of habitat for bighorn sheep based on the WAFWA 2011 habitat using a 4km grid analysis unit	ArcGIS.com	Map Service	2	Terrestrial Species	APP B2: p.231 Fig6-1
Horizontal Visibility Assessment for Bighorn Sheep Habitat	Average amount of horizontal visibility using a 4km grid analysis unit based on WAFWA 2011 habitat boundaries	ArcGIS.com	Map Service	2	Terrestrial Species	APP B2: p.232 Fig6-3
Human Density within Greater sage-grouse PPH	Human population density within greater sage-grouse PPH based on 4km analysis unit	ArcGIS.com	Map Service	2	Terrestrial Species	APP B2: p.128 Fig6-8
Human Disturbance and Presence Assessment for Bighorn Sheep Habitat	Average distance to development using a 4km grid analysis unit based on WAFWA 2011 habitat boundaries	ArcGIS.com	Map Service	2	Terrestrial Species	APP B2: p.233 Fig6-5
Human Footprint within Columbia Spotted Frog suitable habitat (modeled)	This map contains the majority value representing the human footprint within modeled suitable habitat using a 4km analysis grid.	ArcGIS.com	Map Service	2	Aquatic Species	APP B2: p.101 Fig6-11
Human Footprint within Pygmy Rabbit Suitable Habitat	Human footprint was used as a key ecological attribute to measure anthropogenic influences on the pygmy rabbit. The results were analyzed using a 4km analysis grid	ArcGIS.com	Map Service	2	Terrestrial Species	APP B2: p.193 Fig6-6
ICLUS Estimated Urban Development by 2060	ICLUS Estimated Developed Land Use change from 2010 to 2060	ArcGIS.com	Map Service	43	Development	p.48 Fig6.1-4, APP B1: p.19 Fig5-5
Impaired 303(d) Water Bodies	HUC 12 watersheds containing impaired water bodies.	ArcGIS.com	Map Service	63	Aquatic/Riparian Ecosystems	APP B3: p.30 Fig5-1, APP B3: p.44 Fig5-1, APP B3: p.84 Fig5-1
Land Ownership with the NGB	BLM Land Surface Management Land Ownership in the ecoregion	ArcGIS.com	Map Service	n/a	n/a	p.24 Fig2.2-2
Land Treatments within the NGB	USGS Land Treatment Digital Library's Land Treatment Projects in the Ecoregion	ArcGIS.com	Map Service	75	Grazing	p.47 Fig6.1-2, APP B1: p.80 Fig5-13
Lateral Distance from Anthropogenic Sources	Mean distance from HUC 12 to anthropogenic sources	ArcGIS.com	Map Service	63	Aquatic/Riparian Ecosystems	APP B3: p.45 Fig5-3
Locations in the NGB that Grazing could be Beneficial	Locations of frequent fires, ignition sources and high burn probability within the ecoregion that could benefit from grazing	ArcGIS.com	Map Service	72	Grazing, Fire	APP B1: p.78 Fig5-9

¹ Open map in ArcGIS.com online; no software required; ² Open map in ArcMap; ArcGIS Explorer, ArcGIS JavaScript, Google Earth, or ArcGIS.com; ³ See report: http://www.blm.gov/wo/st/en/prog/more/Landscape_Approach/reas/nbasinrange.html

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Locations of Cheatgrass with the NGB	Existing Cheatgrass based on Peterson and Bradley and Mustard datasets with highlights of areas where authors noted Medusahead and Poa secunda presence.	ArcGIS.com	Map Service	38	Invasives	APP B1: p.58 Fig5-1
Lodgepole Pine Climate Change 2030 Viability	USFS Climate Change Analysis for Lodgepole Pine (2030)	ArcGIS.com	Map Service	12	Terrestrial Ecosystem	APP B3: p.171 Fig5-13
Lodgepole Pine Climate Change 2060 Viability	USFS Climate Change Analysis for Lodgepole Pine (2060)	ArcGIS.com	Map Service	12	Terrestrial Ecosystem	APP B3: p.171 Fig5-14
Lodgepole Pine Climate Change Current Viability	USFS Climate Change Analysis for Lodgepole Pine (Current Viability)	ArcGIS.com	Map Service	12	Terrestrial Ecosystem	APP B3: p.170 Fig5-12
Major Dams and Flow Regulated Watersheds	Major dams and watersheds containing dams or flow regulation	ArcGIS.com	Map Service	63	Aquatic/Riparian Ecosystems	APP B3: p.31 Fig5-3
Major Roads within the NGB	Major Roads (TIGER) within the Ecoregion	ArcGIS.com	Map Service	42	Development	APP B1: p.18 Fig5-3
Major Streams, Waterbodies and Dams in the NGB	NHD Streams, Waterbodies and National Atlas of Dams within the ecoregion	ArcGIS.com	Map Service	42	Development	APP B1: p.19 Fig5-4
Maxent Modeled Potential Suitable Habitat for Golden Eagle	Maxent modeled potential suitable habitat for golden eagle	ArcGIS.com	Map Service	1	Terrestrial Species	p.71 Fig6.2-11, APP B2: p.137 Fig4-1
Mercury Deposition in 2011 within the NGB	National Atmospheric Deposition Network Mercury Deposition from 2011	ArcGIS.com	Map Service	70	Development	APP B1: p.27 Fig5-21
Modeled Pygmy Rabbit Suitable Habitat	Pygmy Rabbit habit was modeled based on Rachlow and Svancara's methodology used for Idaho. The main inputs used were soil depth, slope, sagebrush presence, percent clay and lack of recent fires	ArcGIS.com	Map Service	1	Terrestrial Species	p.76 Fig6.2-16, APP B2: p.183 Fig4-1
Modeled Stream Temperature Change (Suitability) for Bull Trout (4km)	This map contains modeled stream temperature change due to climate change (based on Haak methodology) for bull trout(4km analysis unit)	ArcGIS.com	Map Service	8	Aquatic Species	APP B2: p.56 Fig6-14
Modeled Stream Temperature Change (Suitability) for Bull Trout (HUC12)	This map contains modeled stream temperature change due to climate change (based on Haak methodology) for bull trout (HUC12 analysis unit)	ArcGIS.com	Map Service	8	Aquatic Species	APP B2: p.55 Fig6-13
Modeled Stream Temperature Change (Suitability) for Lahontan Cutthroat trout (4km)	This map contains modeled stream temperature change due to climate change (based on Haak methodology) for Lahontan cutthroat trout (4km analysis unit)	ArcGIS.com	Map Service	8	Aquatic Species	APP B2: p.26 Fig6-18
Modeled Stream Temperature Change (Suitability) for Lahontan Cutthroat trout (HUC12)	This map contains modeled stream temperature change due to climate change (based on Haak methodology) for Lahontan cutthroat trout (HUC12 analysis unit)	ArcGIS.com	Map Service	8	Aquatic Species	APP B2: p.25 Fig6-17
Modeled Stream Temperature Change (Suitability) for Mountain Whitefish (4km)	This map contains modeled stream temperature change due to climate change (based on Haak methodology) for mountain whitefish (4km analysis unit)	ArcGIS.com	Map Service	8	Aquatic Species	APP B2: p.25 Fig6-16

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Map Title	Map Description	ArcGIS.com Link ¹	Map Service Link ²	Management Question(s) ³	Element or Agent(s) ³	Figure(s) in Report ³
Modeled Stream Temperature Change (Suitability) for Mountain Whitefish (HUC12)	This map contains modeled stream temperature change due to climate change (based on Haak methodology) for mountain whitefish (HUC12 analysis unit)	ArcGIS.com	Map Service	8	Aquatic Species	APP B2: p.24 Fig6-15
Modeled Stream Temperature Change (Suitability) for Redband Trout (4km)	This map contains modeled stream temperature change due to climate change (based on Haak methodology) for redband trout (4km analysis unit)	ArcGIS.com	Map Service	8	Aquatic Species	APP B2: p.24 Fig6-14
Modeled Stream Temperature Change (Suitability) for Redband Trout (HUC12)	This map contains modeled stream temperature change due to climate change (based on Haak methodology) for redband trout (HUC12 analysis unit)	ArcGIS.com	Map Service	8	Aquatic Species	APP B2: p.23 Fig6-13
Modeled Stream Temperature Change (Suitability) for Yellowstone Trout (4km)	This map contains modeled stream temperature change due to climate change (based on Haak methodology) for Yellowstone cutthroat trout (4km analysis unit)	ArcGIS.com	Map Service	8	Aquatic Species	APP B2: p.27 Fig6-20
Modeled Stream Temperature Change (Suitability) for Yellowstone Trout (HUC12)	This map contains modeled stream temperature change due to climate change (based on Haak methodology) for Yellowstone cutthroat trout (HUC12 analysis unit)	ArcGIS.com	Map Service	8	Aquatic Species	APP B2: p.26 Fig6-19
Nation-wide Perspective of Burn Probability	Fsim (Fire Simulation) nationwide map showing the reader how the NGB ecoregion compares to the rest of the lower 48 states with regards to burn probability	ArcGIS.com	Map Service	MQ 37	Fire	APP B1: p.41 Fig5-8
Native Sagebrush and Grassland Score for Modeled Pronghorn Habitat	Proportion of Native Habitat (grasslands, sagebrush, etc.) within the 4km grid analysis unit	ArcGIS.com	Map Service	2	Terrestrial Species	APP B2: p.211 Fig6-2
NISIMS and State Weed Data within the NGB	Locations of weeds based on BLM, State and NISIMS datasets	ArcGIS.com	Map Service	38	Invasives	p.52 Fig6.1-9, APP B1: p.57 Fig4-1
Nitrogen Deposition in 2011 within the NGB	National Atmospheric Deposition Network Nitrogen Deposition from 2011	ArcGIS.com	Map Service	70	Development	APP B1: p.28 Fig5-22
NREL Direct Solar Potential within the NGB	National Renewable Energy Lab Direct Solar Potential within the ecoregion	ArcGIS.com	Map Service	54	Development	APP B1: p.25 Fig5-16
NREL Geothermal Potential within the NGB	National Renewable Energy Lab Geothermal Potential within the ecoregion	ArcGIS.com	Map Service	54	Development	APP B1: p.24 Fig5-15
NREL Photovoltaic Solar Potential within the NGB	National Renewable Energy Lab Photovoltaic Solar Potential within the ecoregion	ArcGIS.com	Map Service	54	Development	APP B1: p.25 Fig5-17
NREL Wind Potential within the NGB	National Renewable Energy Lab Wind Potential within the ecoregion	ArcGIS.com	Map Service	54	Development	APP B1: p.26 Fig5-18
OHV Locations within the NGB	OHV Areas within the ecoregion where data was available	ArcGIS.com	Map Service	47	Development	APP B1: p.22 Fig5-10
OHV TIGER Roads within the NGB	OHV Roads identified within the TIGER roads database	ArcGIS.com	Map Service	47	Development	APP B1: p.22 Fig5-11
Open Water Cumulative Indicator Score	Cumulative score using Proportion of Undeveloped Land, Lateral Distance to Anthro, Aquatic Invasives and 303(d) waters each ranked 1-3 (3 highest quality)	ArcGIS.com	Map Service	63	Aquatic/Riparian Ecosystems	p.91 Fig6.3-11, APP B3: p.46 Fig5-5

¹ Open map in ArcGIS.com online; no software required; ² Open map in ArcMap; ArcGIS Explorer, ArcGIS JavaScript, Google Earth, or ArcGIS.com; ³ See report: http://www.blm.gov/wo/st/en/prog/more/Landscape_Approach/reas/nbasinrange.html

Map Title	Map Description	ArcGIS.com Link ¹	Map Service Link ²	Management Question(s) ³	Element or Agent(s) ³	Figure(s) in Report ³
Open Water Features within the NGB	Open water features from the National Hydrographic Dataset within the ecoregion	ArcGIS.com	Map Service	30	Aquatic/Riparian Ecosystems	p.90 Fig6.3-10, APP B3: p.40 Fig3-1
Other Conifer within the NGB	Other Conifer Locations within the Ecoregion	ArcGIS.com	Map Service	9	Terrestrial Ecosystem	p.106 Fig6.3-26, APP B3: p.165 Fig5-1
Other Conifer Burn Probability	Fsim burn probability for Other Conifer based on the 4km grid analysis unit	ArcGIS.com	Map Service	11	Terrestrial Ecosystem	APP B3: p.167 Fig5-5
Other Conifer Cumulative Score (Intact Stands)	Cumulative scoring based on 4km analysis unit using burn probability, distance to development and distance to disease.	ArcGIS.com	Map Service	10	Terrestrial Ecosystem	p.107 Fig6.3-27, APP B3: p.173 Fig5-18
Other Conifer Distance to Development	Distance to various types of development (roads, ag, etc.) for Other Conifer based on a 4km analysis unit	ArcGIS.com	Map Service	11	Terrestrial Ecosystem	APP B3: p.166 Fig5-3
Other Conifer Proximity to Disease and Pests	Other conifer proximity to pests and diseased sites based on a 4km analysis unit of USFS Aerial Detection surveys	ArcGIS.com	Map Service	11	Terrestrial Ecosystem	APP B3: p.166 Fig5-4
Pasture Boundaries within the NGB	Pasture Boundaries within Grazing Allotments (surrogate for fences) in the ecoregion	ArcGIS.com	Map Service	75	Grazing	APP B1: p.79 Fig5-12
Patch Habitat Score for Modeled Pronghorn Habitat	The mean pronghorn habitat patch size within a 4km analysis unit	ArcGIS.com	Map Service	2	Terrestrial Species	APP B2: p.211 Fig6-1
Percentage of PPH in Agricultural Lands	Percentage of agricultural land use within greater sage-grouse PPH based on 4km analysis unit	ArcGIS.com	Map Service	2	Terrestrial Species	APP B2: p.125 Fig6-7
Percentage of PPH in Protected Lands	Percentage of protected areas (wildlife refuges, wilderness areas, etc.) within greater sage-grouse PPH based on 4km analysis unit	ArcGIS.com	Map Service	2	Terrestrial Species	APP B2: p.123 Fig6-3
Percentage of waterways listed as 303(d) near Columbia Spotted Frog suitable habitat (modeled)	This map contains the percentage of waterways that are 303(d) within modeled suitable habitat using 4km analysis grid.	ArcGIS.com	Map Service	2	Aquatic Species	APP B2: p.97 Fig6-3
Perennial Streams and Rivers in the NGB Ecoregion	Perennial streams and selected hydrographs on perennial streams in the ecoregion	ArcGIS.com	Map Service	31	Aquatic/Riparian Ecosystems	p.88 Fig6.3-8, APP B3: p.27 Fig3-3
Ponderosa Pine Climate Change 2030 Viability	USFS Climate Change Analysis for Ponderosa Pine (2030)	ArcGIS.com	Map Service	12	Terrestrial Ecosystem	APP B3: p.172 Fig5-16
Ponderosa Pine Climate Change 2060 Viability	USFS Climate Change Analysis for Ponderosa Pine (2060)	ArcGIS.com	Map Service	12	Terrestrial Ecosystem	APP B3: p.172 Fig5-17
Ponderosa Pine Climate Change Current Viability	USFS Climate Change Analysis for Ponderosa Pine (Current Viability)	ArcGIS.com	Map Service	12	Terrestrial Ecosystem	APP B3: p.173 Fig5-15
Possible OHV Locations within two hours of Urban Areas	Possible OHV Areas within 2 Hours of Urban Centers over 20,000 in population	ArcGIS.com	Map Service	48	Development	APP B1: p.23 Fig5-12
Predicted Population Growth by 2060 in the NGB	Population growth by county estimated at 2060	ArcGIS.com	Map Service	43	Development	APP B1: p.20 Fig5-6

¹ Open map in ArcGIS.com online; no software required; ² Open map in ArcMap; ArcGIS Explorer, ArcGIS JavaScript, Google Earth, or ArcGIS.com; ³ See report: http://www.blm.gov/wo/st/en/prog/more/Landscape_Approach/reas/nbasinrange.html

Map Title	Map Description	ArcGIS.com Link ¹	Map Service Link ²	Management Question(s) ³	Element or Agent(s) ³	Figure(s) in Report ³
Proportion of Undeveloped Land in the Watershed	Amount of undeveloped land by HUC 12 watershed	ArcGIS.com	Map Service	63	Aquatic/Riparian Ecosystems	APP B3: p.46 Fig5-4, APP B3: p.85 Fig5-4
Proximity of Forest Cover to Foraging Habitat (Summer)	Proximity of Forest cover to Bald Eagle foraging summer habitat using 4km analysis grid	ArcGIS.com	Map Service	2	Terrestrial Species	APP B2: p.171 Fig6-3
Proximity of Forest Cover to Foraging Habitat (Winter)	Proximity of Forest cover to Bald Eagle foraging winter habitat using 4km analysis grid	ArcGIS.com	Map Service	2	Terrestrial Species	APP B2: p.171 Fig6-4
Proximity to National Wildlife Refuges (Winter)	Proximity of Bald Eagle suitable habitat (GAP) in winter to National Wildlife Refuges using 4km analysis grid	ArcGIS.com	Map Service	2	Terrestrial Species	APP B2: p.173 Fig6-7
Proximity to Urban Development for Bald Eagle (Summer)	Proximity of Urban Development to Bald Eagle summer suitable habitat (GAP) using 4km analysis grid	ArcGIS.com	Map Service	2	Terrestrial Species	APP B2: p.173 Fig6-8
Proximity to Urban Development for Bald Eagle (Winter)	Proximity of Urban Development to Bald Eagle winter suitable habitat (GAP) using 4km analysis grid	ArcGIS.com	Map Service	2	Terrestrial Species	APP B2: p.174 Fig6-9
Proximity to Wind Turbines from Golden Eagle suitable habitat (modeled)	The amount of wind turbines within modeled golden eagle potential suitable habitat using a 4km analysis grid	ArcGIS.com	Map Service	2	Terrestrial Species	APP B2: p.149 Fig6-6
Rainfall Erosivity	NRCS calculation of Rainfall Erosivity	ArcGIS.com	Map Service	27	Terrestrial Group	APP B3: p.53 Fig3-2
Rangeland Health within Grazing Allotments in the NGB	Rangeland Health status of Grazing Allotments in the ecoregion	ArcGIS.com	Map Service	74	Grazing	p.56 Fig6.1-12, APP B1: p.75 Fig5-3
Raw Fsim burn probability within NGB	Fsim (Fire Simulation) nationwide map showing the raw Fsim results for the ecoregion (similar to the nationwide map).	ArcGIS.com	Map Service	MQ 37	Fire	APP B1: p.41 Fig5-9
Recreation Use within the NGB	Locations of Significant Recreation Use within the Ecoregion	ArcGIS.com	Map Service	46	Development	APP B1: p.21 Fig5-9
Renewable Energy Locations within the NGB	Renewable Energy Location (Wind, Geothermal and Solar) within the ecoregion	ArcGIS.com	Map Service	53	Development	p.47 Fig6.1-3, APP B1: p.24 Fig5-14
Riparian Vegetation based on ReGAP and LANDFIRE vegetation	Riparian vegetation classes extracted from Landfire and ReGAP vegetation mapping	ArcGIS.com	Map Service	30	Aquatic/Riparian Ecosystems	APP B3: p.67 Fig3-1
Road Density for Modeled Mule Deer Summer and Year long Habitat	Road Density (km/km2) for modeled summer and year long mule deer habitat using TIGER roads based on a 4km analysis unit	ArcGIS.com	Map Service	2	Terrestrial Species	APP B2: p.259 Fig6-8
Road Density for Modeled Mule Deer Winter and Year long Habitat	Road Density (km/km2) for modeled winter and year long mule deer habitat using TIGER roads based on a 4km analysis unit	ArcGIS.com	Map Service	2	Terrestrial Species	APP B2: p.260 Fig6-9
Road Density near Bald Eagle suitable habitat (GAP) (Summer)	Road Density in proximity to Bald Eagle summer suitable habitat (GAP) using 4km analysis grid	ArcGIS.com	Map Service	2	Terrestrial Species	APP B2: p.175 Fig6-12
Road Density near Bald Eagle suitable habitat (GAP) (Winter)	Road Density in proximity to Bald Eagle winter suitable habitat (GAP) using 4km analysis grid	ArcGIS.com	Map Service	2	Terrestrial Species	APP B2: p.176 Fig6-13

¹ Open map in ArcGIS.com online; no software required; ² Open map in ArcMap; ArcGIS Explorer, ArcGIS JavaScript, Google Earth, or ArcGIS.com; ³ See report: http://www.blm.gov/wo/st/en/prog/more/Landscape_Approach/reas/nbasinrange.html

Map Title	Map Description	ArcGIS.com Link ¹	Map Service Link ²	Management Question(s) ³	Element or Agent(s) ³	Figure(s) in Report ³
Road Density near Golden Eagle suitable habitat (modeled)	The density of roads within modeled golden eagle potential suitable habitat using a 4km analysis grid	ArcGIS.com	Map Service	2	Terrestrial Species	APP B2: p.148 Fig6-5
Road Density Score for Modeled Pronghorn Habitat	Road Density (km/km2) using TIGER roads based on a 4km analysis unit	ArcGIS.com	Map Service	2	Terrestrial Species	APP B2: p.213 Fig6-6
Rocky Mountain and Mixed Conifer Aspen in the NGB	Distribution of Rocky Mountain and Mixed Conifer Aspen within the ecoregion based on Landfire and ReGAP	ArcGIS.com	Map Service	9	Terrestrial Ecosystem	APP B3: p.151 Fig5-2
Sagebrush within the NGB	Sagebrush Locations within the Ecoregion	ArcGIS.com	Map Service	9	Terrestrial Ecosystem	p.100 Fig6.3-20, APP B3: p.114 Fig5-1
Sagebrush Burn Probability	Fsim burn probability for Sagebrush based on the 4km grid analysis unit	ArcGIS.com	Map Service	11	Terrestrial Ecosystem	APP B3: p.116 Fig5-4
Sagebrush Burn Probability (Low Sagebrush)	Fsim burn probability for Low Sagebrush based on the 4km grid analysis unit	ArcGIS.com	Map Service	11	Terrestrial Ecosystem	APP B3: p.116 Fig5-5
Sagebrush Burn Probability (Mountain Big Sagebrush)	Fsim burn probability for Mountain Big Sagebrush based on the 4km grid analysis unit	ArcGIS.com	Map Service	11	Terrestrial Ecosystem	APP B3: p.117 Fig5-7
Sagebrush Burn Probability (WY Basin Big Sagebrush)	Fsim burn probability for WY / Basin Big Sagebrush based on the 4km grid analysis unit	ArcGIS.com	Map Service	11	Terrestrial Ecosystem	APP B3: p.117 Fig5-6
Sagebrush cover within Greater sage-grouse Breeding Bird Density	Percent Sagebrush cover within the breeding bird polygons	ArcGIS.com	Map Service	2	Terrestrial Species	APP B2: p.122 Fig6-1
Sagebrush Cumulative Score (Intact Stands)	Cumulative scoring based on 4km analysis unit using burn probability and distance to development	ArcGIS.com	Map Service	10	Terrestrial Ecosystem	p.101 Fig6.3-21, APP B3: p.120 Fig5-12
Sagebrush Distance to Development	Distance to various types of development (roads, ag, etc.) for Sagebrush based on a 4km analysis unit	ArcGIS.com	Map Service	11	Terrestrial Ecosystem	APP B3: p.115 Fig5-3
Sagebrush Distance to Juniper	Distance to Juniper from all types of sagebrush	ArcGIS.com	Map Service	11	Terrestrial Ecosystem	APP B3: p.118 Fig5-8
Sagebrush Distance to Juniper (Low Sagebrush)	Distance to Juniper from low sagebrush	ArcGIS.com	Map Service	11	Terrestrial Ecosystem	APP B3: p.118 Fig5-9
Sagebrush Distance to Juniper (Mountain Big Sagebrush)	Distance to Juniper from Mountain Big sagebrush	ArcGIS.com	Map Service	11	Terrestrial Ecosystem	APP B3: p.119 Fig5-11
Sagebrush Distance to Juniper (WY Basin Big Sagebrush)	Distance to Juniper from WY Basin Big sagebrush	ArcGIS.com	Map Service	11	Terrestrial Ecosystem	APP B3: p.119 Fig5-10
Salt Desert Shrub vs. Cheatgrass within the NGB	Cheatgrass locations within salt desert shrub defined vegetation	ArcGIS.com	Map Service	11	Terrestrial Ecosystem	APP B3: p.97 Fig5-4
Salt Desert Shrub within the NGB	Salt Desert Shrub Locations within the Ecoregion	ArcGIS.com	Map Service	9	Terrestrial Ecosystem	p.98 Fig6.3-18, APP B3: p.95 Fig5-1
Salt Desert Shrub Burn Probability	Fsim burn probability for Salt Desert Shrub based on the 4km grid analysis unit	ArcGIS.com	Map Service	11	Terrestrial Ecosystem	APP B3: p.97 Fig5-5
Salt Desert Shrub Cumulative Score (Intact Stands)	Cumulative scoring based on 4km analysis unit using burn probability and distance to development	ArcGIS.com	Map Service	10	Terrestrial Ecosystem	p.99 Fig6.3-19, APP B3: p.98 Fig5-6

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Map Title	Map Description	ArcGIS.com Link ¹	Map Service Link ²	Management Question(s) ³	Element or Agent(s) ³	Figure(s) in Report ³
Salt Desert Shrub Distance to Development	Distance to various types of development (roads, ag, etc.) for Salt Desert Shrub based on a 4km analysis unit	ArcGIS.com	Map Service	11	Terrestrial Ecosystem	APP B3: p.96 Fig5-3
Scott Burgan 40 Fuel Model in the NGB	The Scott and Burgan 40 Fuel Model (from Landfire) clipped to the NGB ecoregion	ArcGIS.com	Map Service	MQ 36	Fire	APP B1: p.40 Fig5-7
Skiing Recreation Locations within the NGB	Significant Skiing Locations within the Ecoregion	ArcGIS.com	Map Service	46	Development	APP B1: p.21 Fig5-8
Slope Score for Modeled Pronghorn Habitat	Percent Slope within the modeled pronghorn habitat based on a 4km grid analysis unit	ArcGIS.com	Map Service	2	Terrestrial Species	APP B2: p.212 Fig6-4
Snow Depth for Mule Deer Winter and Year Long Habitat	Average depth of snow for winter or year long mule deer modeled habitat patch based on a 4km grid analysis unit	ArcGIS.com	Map Service	2	Terrestrial Species	APP B2: p.257 Fig6-3
Snow Depth Score for Modeled Pronghorn Habitat	Depth of Snow in March within modeled pronghorn habitat based on a 4km analysis unit	ArcGIS.com	Map Service	2	Terrestrial Species	APP B2: p.212 Fig6-3
Soil Erodibility (K factor)	Soil erodibility (K Factor) used in the RUSLE soil loss equation	ArcGIS.com	Map Service	27	Terrestrial Group	APP B3: p.54 Fig3-3
Solar and Geothermal Alternative Energy Projected in 2025	Potential Solar and Geothermal Energy Development by 2025 within the ecoregion	ArcGIS.com	Map Service	57	Development	APP B1: p.26 Fig5-19
Specially Designated Areas and near Urban Areas over 20,000	Proximity of specially designated areas to urban areas	ArcGIS.com	Map Service	20	Places, Development	p.111 Fig6.3-31, APP B3: p.194 Fig5-3
Specially Designated Areas and nearby Population Growth by County	Population growth by county and proximity to specially designated areas	ArcGIS.com	Map Service	20	Places, Development	APP B3: p.193 Fig5-2
Specially Designated Areas within the NGB	The location of specially designated areas (Wilderness Areas, National Wildlife Refuges, etc.) within the ecoregion	ArcGIS.com	Map Service	20	Places	p.110 Fig6.3-30, APP B3: p.193 Fig5-1
Springs, Seeps, and Spring Snails within the NGB Ecoregion	Location of springs (National Hydrographic Dataset) and where spring snails were collected from the Smithsonian	ArcGIS.com	Map Service	16	Aquatic/Riparian Ecosystems	p.86 Fig6.3-5, APP B3: p.17 Fig3-1
Springs/Seeps and Groundwater Condition	Comparison of springs and HUC 12 watersheds where groundwater use is exceeding recharge	ArcGIS.com	Map Service	60	Aquatic/Riparian Ecosystems	p.87 Fig6.3-6, APP B3: p.20 Fig5-1
SSURGO Soils Unavailability	Locations within the ecoregion where SSURGO soils mapping is not available.	ArcGIS.com	Map Service	27	Terrestrial Group	APP B3: p.53 Fig3-1
Steepness of Landforms within the ecoregion	Steepness of the landform used for calculating soils that could be at risk from water erosion	ArcGIS.com	Map Service	27	Terrestrial Group	APP B3: p.54 Fig3-4
Steepness, Non Wind Erodible Soils, and Development	Steepness with overlays of non-erodible soil (rocky soils, water features, etc.) and urban and agricultural development	ArcGIS.com	Map Service	28	Terrestrial Group	APP B3: p.56 Fig3-7
Total Surface Water Withdrawals in the NGB Ecoregion	Total surface water diversion by HUC 12 based on 2005 USGS estimates	ArcGIS.com	Map Service	63	Aquatic/Riparian Ecosystems	APP B3: p.26 Fig3-2

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Map Title	Map Description	ArcGIS.com Link ¹	Map Service Link ²	Management Question(s) ³	Element or Agent(s) ³	Figure(s) in Report ³
Transmission Lines and Communication Towers in the NGB	Communications Towers and Transmission Lines within the ecoregion	ArcGIS.com	Map Service	42	Development	APP B1: p.18 Fig5-2
Urban and Agricultural Land Use in the NGB	Urban and Agricultural Lands extracted from ReGAP and Landfire Imagery	ArcGIS.com	Map Service	42	Development	p.46 Fig6.1-1, APP B1: p.17 Fig5-1
Urban Development near Golden Eagle suitable habitat (modeled)	The amount of urban developed areas within modeled golden eagle potential suitable habitat using a 4km analysis grid	ArcGIS.com	Map Service	2	Terrestrial Species	APP B2: p.147 Fig6-3
USFS Aquatic Invasives within the NGB	Invasive Aquatics from USFS categorized by type of species (fish, plant ,etc.)	ArcGIS.com	Map Service	38	Invasives	p.53 Fig6.1-10, APP B1: p.58 Fig4-3
USGS EROS 2010 Cheatgrass within the NGB	USGS EROS Cheatgrass study using data from 2010 within the NGB Ecoregion	ArcGIS.com	Map Service	38	Invasives	p.51 Fig6.1-7, APP B1: P.61 Fig5-6
USGS MRDS Mineral Resources in the NGB	USGS MRDS Mineral Resources within the Ecoregion	ArcGIS.com	Map Service	49	Development	APP B1: p.23 Fig5-13
USGS Stream Discharge Gages Reviewed in Bull Trout Range	This map contains the locations of USGS stream gages analyzed for stream flow within the bull trout range	ArcGIS.com	Map Service	2	Aquatic Species	APP B2: p.46 Fig6-1
USGS Stream Discharge Gages Reviewed in Coldwater Fish Range	This map contains the locations of USGS stream gages analyzed for stream flow within the Coldwater Fish Range	ArcGIS.com	Map Service	2	Aquatic Species	APP B2: p.15 Fig6-1
USGS Stream Discharge Gages Reviewed in White Sturgeon Range	This map contains the locations of USGS stream gages analyzed for stream flow within the white sturgeon range	ArcGIS.com	Map Service	2	Aquatic Species	APP B2: p.73 Fig6-2
USGS Stream Gages for Dissolved Oxygen Reviewed in White Sturgeon Range	This map contains the locations of USGS stream gages analyzed for dissolved oxygen within the white sturgeon range	ArcGIS.com	Map Service	2	Aquatic Species	APP B2: p.74 Fig6-3
USGS Stream Gages for Temperature Reviewed in White Sturgeon Range	This map contains the locations of USGS stream gages analyzed for instream temperature within the white sturgeon range	ArcGIS.com	Map Service	2	Aquatic Species	APP B2: p.73 Fig6-1
USGS Stream Temperature Gages Reviewed in Bull Trout Range	This map contains the locations of USGS stream gages analyzed for instream temperature within the bull trout range	ArcGIS.com	Map Service	2	Aquatic Species	APP B2: p.47 Fig6-2
USGS Stream Temperature Gages Reviewed in Coldwater Fish Range	This map contains the locations of USGS stream gages analyzed for instream temperature within the Coldwater Fish Range	ArcGIS.com	Map Service	2	Aquatic Species	APP B2: p.16 Fig6-2
Utah Juniper Climate Change 2030 Viability	USFS Climate Change Analysis for Utah Juniper (2030)	ArcGIS.com	Map Service	12	Terrestrial Ecosystem	APP B3: p.136 Fig5-7
Utah Juniper Climate Change 2060 Viability	USFS Climate Change Analysis for Utah Juniper (2060)	ArcGIS.com	Map Service	12	Terrestrial Ecosystem	APP B3: p.136 Fig5-8
Utah Juniper Climate Change Current Viability	USFS Climate Change Analysis for Utah Juniper (Current Viability)	ArcGIS.com	Map Service	12	Terrestrial Ecosystem	APP B3: p.135 Fig5-6

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Map Title	Map Description	ArcGIS.com Link ¹	Map Service Link ²	Management Question(s) ³	Element or Agent(s) ³	Figure(s) in Report ³
Vegetation Condition Class near Golden Eagle suitable habitat (modeled)	Vegetation condition class within modeled golden eagle potential suitable habitat using a 4km analysis grid	ArcGIS.com	Map Service	2	Terrestrial Species	APP B2: p.147 Fig6-2
WAFWA and Modeled Pronghorn Habitat	Pronghorn modeled habitat based on Penrod et al 2010 using vegetation, slope, and road density. WAFWA boundaries were also added to the map with the exception of Oregon which had no data.	ArcGIS.com	Map Service	1	Terrestrial Species	p.78 Fig6.2-18, APP B2: p.202 Fig4-1
Water Erosion Potential	Soil erosion potential due to water based on the RUSLE soil loss equation	ArcGIS.com	Map Service	27	Terrestrial Group	p.92 Fig6.3-12, APP B3: p.55 Fig3-5
Water Erosion Potential within Grazing Allotments	Water erosion potential within BLM and USFS Grazing Allotments	ArcGIS.com	Map Service	28	Terrestrial Group	APP B3: p.61 Fig5-2
Water Quality (303d) in Bull Trout Range (HUC 12)	This map contains the data layers and layout showing the amount of 303d waterways per HUC 12 analysis unit for bull trout.	ArcGIS.com	Map Service	2	Aquatic Species	APP B2: p.47 Fig6-3
Water Quality (303d) in Bull Trout Range (4km)	This map contains the data layers and layout showing the amount of 303d waterways per 4km analysis unit for bull trout.	ArcGIS.com	Map Service	2	Aquatic Species	APP B2: p.48 Fig6-4
Water Quality (303d) in Coldwater Fish Areas (4km)	This map contains the data layers and layout showing the amount of 303d waterways per 4km analysis unit.	ArcGIS.com	Map Service	2	Aquatic Species	APP B2: p.17 Fig6-4
Water Quality (303d) in Coldwater Fish Areas (HUC 12)	This map contains the data layers and layout showing the amount of 303d waterways per HUC 12 analysis unit.	ArcGIS.com	Map Service	2	Aquatic Species	APP B2: p.16 Fig6-3
Water Quality (303d) in White Sturgeon Range (HUC 12)	This map contains the data layers and layout showing the amount of 303d waterways per HUC 12 analysis unit for white sturgeon.	ArcGIS.com	Map Service	2	Aquatic Species	APP B2: p.74 Fig6-4
Water Quality (303d) in White Sturgeon Range (4km)	This map contains the data layers and layout showing the amount of 303d waterways per 4km analysis unit for white sturgeon.	ArcGIS.com	Map Service	2	Aquatic Species	APP B2: p.75 Fig6-5
Watersheds with Aquatic Invasive Detections	HUC 12 watersheds containing aquatic invasive detections along with open water within the ecoregion	ArcGIS.com	Map Service	63	Aquatic/Riparian Ecosystems	APP B3: p.45 Fig5-2, APP B3: p.84 Fig5-2
Western and Utah Juniper Locations within the NGB	Western and Utah Juniper within the Ecoregion	ArcGIS.com	Map Service	9	Terrestrial Ecosystem	APP B3: p.133 Fig5-2
Western Juniper Climate Change 2030 Viability	USFS Climate Change Analysis for Western Juniper (2030)	ArcGIS.com	Map Service	12	Terrestrial Ecosystem	APP B3: p.137 Fig5-10
Western Juniper Climate Change 2060 Viability	USFS Climate Change Analysis for Western Juniper (2060)	ArcGIS.com	Map Service	12	Terrestrial Ecosystem	APP B3: p.138 Fig5-11
Western Juniper Climate Change Current Viability	USFS Climate Change Analysis for Western Juniper (Current Viability)	ArcGIS.com	Map Service	12	Terrestrial Ecosystem	APP B3: p.137 Fig5-9

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Map Title	Map Description	ArcGIS.com Link ¹	Map Service Link ²	Management Question(s) ³	Element or Agent(s) ³	Figure(s) in Report ³
Wetland Cumulative Indicator Score	Cumulative wetland score based on groundwater condition, 303(d), aquatic invasives, and natural land cover	ArcGIS.com	Map Service	63	Aquatic/Riparian Ecosystems	p.97 Fig6.3-17, APP B3: p.86 Fig5-5
Wetland Distribution in the NGB	NWI and State wetland mapping where gaps existed	ArcGIS.com	Map Service	30	Aquatic/Riparian Ecosystems	p.96 Fig6.3-16, APP B3: p.79 Fig3-2
WGA Interconnection Zones within the NGB (Cool Desert Biome)	WGA Interconnection Zones identified linking level 1 and 2 large intact blocks (Cool Desert Biome)	ArcGIS.com	Map Service	3	Ecological Integrity	p.114 Fig6.4-3
WGA Landscape Integrity Score within the NGB	WGA Landscape Integrity Scores for the ecoregion	ArcGIS.com	Map Service	3	Ecological Integrity	p.113 Fig6.4-1
WGA Large Intact Blocks (Level 1) within Grazing Allotments	WGA Large Intact Blocks within Grazing Allotments (Level 1 Blocks)	ArcGIS.com	Map Service	74	Grazing	APP B1: p.78 Fig5-10
WGA Large Intact Blocks (Level 2) within Grazing Allotments	WGA Large Intact Blocks within Grazing Allotments (Level 2 Blocks)	ArcGIS.com	Map Service	74	Grazing	APP B1: p.79 Fig5-11
WGA Large Intact Blocks within the NGB	WGA Large Intact Blocks extracted from the Landscape Integrity Scores	ArcGIS.com	Map Service	3	Ecological Integrity	p.114 Fig6.4-2
White Sturgeon Habitat Between Barriers on the Snake River in the NGB	This map contains the data layers and layout showing the lengths of reaches between barriers on the Snake River within the white sturgeon range in the ecoregion.	ArcGIS.com	Map Service	1	Aquatic Species	APP B2: p.76 Fig6-8
Wild Horse and Burro Herd Areas Burn Probability	Fsim Burn Probability in Wild Horse and Burro Herd Areas	ArcGIS.com	Map Service	22	Terrestrial Species, Fire	APP B3: p.185 Fig5-11
Wild Horse and Burro Herd Areas Distance to Development	Distance to various types of development (roads, ag, etc.) for Wild Horse and Burro Herd Areas based on a 4km analysis unit	ArcGIS.com	Map Service	22	Terrestrial Species, Development	APP B3: p.183 Fig5-7
Wild Horse and Burro Herd Areas vs. Cheatgrass	Cheatgrass locations within Wild Horse and Burro Herd Areas	ArcGIS.com	Map Service	22	Terrestrial Species, Invasives	APP B3: p.186 Fig5-13
Wild Horse and Burro Herd Areas vs. Fire Frequency	Fire Frequency within Wild Horse and Burro Herd Areas	ArcGIS.com	Map Service	22	Terrestrial Species, Fire	APP B3: p.184 Fig5-9
Wild Horse and Burro Herd Areas vs. Rangeland Health Status	Rangeland Health Status of Grazing Allotments within Wild Horse and Burro Herd Areas	ArcGIS.com	Map Service	22	Terrestrial Species	APP B3: p.187 Fig5-15
Wild Horse and Burro Herd Areas vs. Rangeland Health Status	Rangeland Health Status of Grazing Allotments within Wild Horse and Burro Herd Management Areas	ArcGIS.com	Map Service	22	Terrestrial Species	p.109 Fig6.3-29, APP B3: p.187 Fig5-14
Wild Horse and Burro Herd Areas within the NGB	Wild Horse and Burro Herd Areas in the ecoregion	ArcGIS.com	Map Service	21	Terrestrial Species	APP B3: p.181 Fig5-2
Wild Horse and Burro Herd Management Areas Burro Population	Wild Burro Population within Wild Horse and Burro Herd Management Areas	ArcGIS.com	Map Service	21	Terrestrial Species	APP B3: p.182 Fig5-4
Wild Horse and Burro Herd Management Areas vs. Fire Frequency	Fire Frequency within Wild Horse and Burro Herd Management Areas	ArcGIS.com	Map Service	22	Terrestrial Species, Fire	APP B3: p.184 Fig5-8
Wild Horse and Burro Herd Management Areas Burn Probability	Fsim Burn Probability in Wild Horse and Burro Herd Management Areas	ArcGIS.com	Map Service	22	Terrestrial Species, Fire	APP B3: p.185 Fig5-10

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Map Title	Map Description	ArcGIS.com Link ¹	Map Service Link ²	Management Question(s) ³	Element or Agent(s) ³	Figure(s) in Report ³
Wild Horse and Burro Herd Management Areas Distance to Development	Distance to various types of development (roads, ag, etc.) for Wild Horse and Burro Herd Management Areas based on a 4km analysis unit	ArcGIS.com	Map Service	22	Terrestrial Species, Development	APP B3: p.183 Fig5-6
Wild Horse and Burro Herd Management Areas Occupancy	Occupancy Status of Wild Horse and Burro Herd Management Areas	ArcGIS.com	Map Service	21	Terrestrial Species	p.108 Fig6.3-28, APP B3: p.182 Fig5-5
Wild Horse and Burro Herd Management Areas Population	Wild Horse Population within Wild Horse and Burro Herd Management Areas	ArcGIS.com	Map Service	21	Terrestrial Species	APP B3: p.181 Fig5-3
Wild Horse and Burro Herd Management Areas vs. Cheatgrass	Cheatgrass locations within Wild Horse and Burro Herd Management Areas	ArcGIS.com	Map Service	22	Terrestrial Species, Invasives	APP B3: p.186 Fig5-12
Wild Horse and Burro Herd Management Areas within the NGB	Wild Horse and Burro Herd Management Areas in the ecoregion	ArcGIS.com	Map Service	21	Terrestrial Species	APP B3: p.180 Fig5-1
Wind Alternative Energy Projected in 2025	Potential Wind Energy Development by 2025 within the ecoregion	ArcGIS.com	Map Service	57	Development	APP B1: p.27 Fig5-20
Wind Erosion Potential on Agricultural Lands	Soil erosion potential due to wind on agricultural lands	ArcGIS.com	Map Service	28	Terrestrial Group	APP B3: p.55 Fig3-6
Wind Erosion Potential on Rangelands	Soil erosion potential due to wind on rangelands	ArcGIS.com	Map Service	28	Terrestrial Group	p.93 Fig6.3-13, APP B3: p.56 Fig3-8
Winter Flood Risk in Bull Trout Range (4km)	This map contains the data layers and layout showing the Winter Flood Risk in bull trout range by 4km analysis unit.	ArcGIS.com	Map Service	8	Aquatic Species	APP B2: p.58 Fig6-18
Winter Flood Risk in Bull Trout Range (HUC 12)	This map contains the data layers and layout showing the Winter Flood Risk in bull trout range by HUC 12 analysis unit.	ArcGIS.com	Map Service	8	Aquatic Species	APP B2: p.57 Fig6-17
Winter Flood Risk in Coldwater Fish Areas (4km)	This map contains the data layers and layout showing the Winter Flood Risk in Coldwater Fish Range by 4km analysis unit.	ArcGIS.com	Map Service	8	Aquatic Species	APP B2: p.29 Fig6-24
Winter Flood Risk in Coldwater Fish Areas (HUC 12)	This map contains the data layers and layout showing the Winter Flood Risk in Coldwater Fish Range by HUC 12 analysis unit.	ArcGIS.com	Map Service	8	Aquatic Species	APP B2: p.28 Fig6-23
Zoom in on WGA Interconnection Zones (Cool Desert Biome) within the NGB	WGA Interconnection Zones identified linking level 1 and 2 large intact blocks focusing on a small area of the Cool Desert Biome	ArcGIS.com	Map Service	3	Ecological Integrity	p.115 Fig6.4-5
Zoom in on WGA Interconnection Zones (Forest Biome) within the NGB	WGA Interconnection Zones identified linking level 1 and 2 large intact blocks focusing on a small area of the Forest Biome	ArcGIS.com	Map Service	3	Ecological Integrity	p.115 Fig6.4-4, p.116 Fig6.4-6

¹ Open map in ArcGIS.com online; no software required; ² Open map in ArcMap; ArcGIS Explorer, ArcGIS JavaScript, Google Earth, or ArcGIS.com; ³ See report: http://www.blm.gov/wo/st/en/prog/more/Landscape_Approach/reas/nbasinrange.html